

## CLAIMS

What is claimed is:

- 1 1. (Original) An apparatus that provides a radio frequency energy to a probe placed in  
2 contact with a cornea to perform a medical procedure, comprising:  
3 a radio frequency circuit that delivers a radio frequency energy to the cornea through the  
4 probe; and,  
5 a regulator circuit that controls the radio frequency energy delivered to the cornea during  
6 the medical procedure.
- 1 2. (Original) The apparatus of claim 1, further comprising a sensing circuit that senses a  
2 change in a physiology of the cornea during the medical procedure and provides a feedback to  
3 said regulator circuit.
- 1 3. (Original) The apparatus of claim 2, wherein said sensing circuit senses a current  
2 delivered to the cornea.
- 1 4. (Original) The apparatus of claim 2, wherein said sensing circuit senses a voltage  
2 delivered to the cornea.
- 1 5. (Original) The apparatus of claim 2, wherein said sensing circuit senses a temperature of  
2 the cornea.
- 1 6. (Original) The apparatus of claim 2, wherein said sensing circuit senses an impedance of  
2 the cornea.
- 1 7. (Original) The apparatus of claim 2, wherein said sensing circuit senses a moisture of  
2 the cornea.

1 8. (Original) The apparatus of claim 1, wherein said regulator circuit controls the delivery  
2 of the radio frequency energy about a set-point.

1 9. (Original) The apparatus of claim 1, wherein said regulator circuit controls the delivery  
2 of the radio frequency energy about a set-curve.

1 10. (Original) The apparatus of claim 2, wherein said regulator circuit determines a profile  
2 of a physiological parameter and regulates the radio frequency energy delivered to the cornea in  
3 accordance with the profile.

1 11. (Original) The apparatus of claim 10, wherein the profile is an impedance profile.

1 12. (Original) The apparatus of claim 10, wherein the profile is a temperature profile.

1 13. (Original) The apparatus of claim 10, wherein the profile is a moisture profile.

1 14. (Original) The apparatus of claim 10, wherein said regulator circuit decreases the radio  
2 frequency energy if the profile includes an increase in impedance beyond a threshold level during  
3 the medical procedure.

1 15. (Original) The apparatus of claim 10, wherein said regulator circuit terminates delivery  
2 of the radio frequency energy if the profile exceeds a threshold level during the medical  
3 procedure.

1 16. (Original) The apparatus of claim 10, wherein said regulator circuit terminates delivery  
2 of the radio frequency energy if the profile includes a slope that exceeds a threshold level during  
3 the medical procedure.

1 17. (Original) The apparatus of claim 16, wherein said regulator circuit modulates a duration  
2 of the delivery of the radio frequency energy.

1 18. (Original) The apparatus of claim 17, wherein said duration is modulated in response to  
2 changes in a profile of the physiological parameter.

1 19. (Original) The apparatus of claim 18, wherein the physiological parameter is an  
2 impedance.

1 20. (Original) The apparatus of claim 18, wherein the physiological parameter is a  
2 temperature.

1 21. (Original) The apparatus of claim 18, wherein the physiological parameter is a tissue  
2 moisture.

1 22. (Original) The apparatus of claim 1, wherein said regulator circuit modulates a level of  
2 the radio frequency energy.

1 23. (Original) An apparatus that provides a radio frequency energy to a probe placed in  
2 contact with a cornea to perform a medical procedure, comprising:  
3 a radio frequency circuit that delivers a radio frequency energy to the cornea through the  
4 probe; and,  
5 regulator circuit means for controlling the radio frequency energy delivered to cornea  
6 during the medical procedure.

1 24. (Original) The apparatus of claim 23, further comprising sensing circuit means for  
2 sensing a change in a physiology of the cornea during the medical procedure and providing a  
3 feedback to said regulator circuit.

1 25. (Original) The apparatus of claim 24, wherein said sensing circuit means senses a  
2 current delivered to the cornea.

1 26. (Original) The apparatus of claim 24, wherein said sensing circuit means senses a  
2 voltage delivered to the cornea.

1 27. (Original) The apparatus of claim 24, wherein said sensing circuit means senses a  
2 temperature of the cornea.

1 28. (Original) The apparatus of claim 24, wherein said sensing circuit means senses an  
2 impedance of the cornea.

1 29. (Original) The apparatus of claim 24, wherein said sensing circuit means senses a  
2 moisture of the cornea.

1 30. (Original) The apparatus of claim 23, wherein said regulator circuit means controls the  
2 delivery of the radio frequency energy about a set-point.

1 31. (Original) The apparatus of claim 23, wherein said regulator circuit means controls the  
2 delivery of the radio frequency energy about a set-curve.

1 32. (Original) The apparatus of claim 24, wherein said regulator circuit means determines a  
2 profile of a physiological parameter and regulates the radio frequency energy delivered to the  
3 cornea in accordance with the profile.

1 33. (Original) The apparatus of claim 32, wherein the profile is an impedance profile.

1 34. (Original) The apparatus of claim 32, wherein the profile is a temperature profile.

1 35. (Original) The apparatus of claim 32, wherein the profile is a moisture profile.

1 36. (Original) The apparatus of claim 32, wherein said regulator circuit means decreases the  
2 radio frequency energy if the profile includes an increase in impedance beyond a threshold level  
3 during the medical procedure.

1 37. (Original) The apparatus of claim 32, wherein said regulator circuit means terminates  
2 delivery of the radio frequency energy if the profile exceeds a threshold level during the medical  
3 procedure.

1 38. (Original) The apparatus of claim 32, wherein said regulator circuit means terminates  
2 delivery of the radio frequency energy if the profile includes a slope that exceeds a threshold  
3 level during the medical procedure.

1 39. The apparatus of claim 23, wherein said regulator circuit means modulates a duration of  
2 the delivery of the radio frequency energy.

1 40. (Original) The apparatus of claim 39, wherein said duration is modulated in response to  
2 changes in a profile of the physiological parameter.

1 41. (Original) The apparatus of claim 40, wherein the physiological parameter is an  
2 impedance.

1 42. (Original) The apparatus of claim 40, wherein the physiological parameter is a  
2 temperature.

1 43. (Original) The apparatus of claim 40, wherein the physiological parameter is a tissue  
2 moisture.

1 44. (Original) The apparatus of claim 23, wherein said regulator circuit means modulates a  
2 level of the radio frequency energy.

1 45. (Withdrawn) A method for performing a medical procedure on a cornea, comprising:

2 placing a probe in contact with a cornea;  
3 delivering a radio frequency energy to the cornea through the probe; and,  
4 regulating the radio frequency energy delivered to cornea during the medical procedure.

1 46. (Withdrawn) The method of claim 45, further comprising sensing and feeding back a  
2 change in a physiology of the cornea during the medical procedure and regulating the radio  
3 frequency energy delivered to the cornea as a function of the feedback.

1 47. (Withdrawn) The method of claim 46, wherein a current delivered to the cornea is  
2 sensed during the medical procedure.

1 48. (Withdrawn) The method of claim 46, wherein a voltage delivered to the cornea is  
2 sensed during the medical procedure.

1 49. (Withdrawn) The method of claim 46, wherein a temperature of the cornea is sensed  
2 during the medical procedure.

1 50. (Withdrawn) The method of claim 46, wherein an impedance of the cornea is sensed  
2 during the medical procedure.

1 51. (Withdrawn) The method of claim 46, wherein said a moisture of the cornea is sensed  
2 during the medical procedure.

1 52. (Withdrawn) The method of claim 45, wherein the radio frequency energy is regulated  
2 about a set-point.

1 53. (Withdrawn) The method of claim 45, wherein the radio frequency energy is regulated  
2 about a set-curve.

- 1 54. (Withdrawn) The method of claim 46, wherein a profile of a physiological parameter is  
2 determined and the radio frequency energy delivered to the cornea is regulated in accordance  
3 with the profile.
- 1 55. (Withdrawn) The method of claim 54, wherein the profile is an impedance profile.
- 1 56. (Withdrawn) The method of claim 54, wherein the profile is a temperature profile.
- 1 57. (Withdrawn) The method of claim 54, wherein the profile is a moisture profile.
- 1 58. (Withdrawn) The method of claim 54, wherein regulating includes decreasing the radio  
2 frequency energy if the profile includes an increase in impedance beyond a threshold level during  
3 the medical procedure.
- 1 59. (Withdrawn) he method of claim 54, wherein regulating includes terminating delivery of  
2 the radio frequency energy if the profile exceeds a threshold level during the medical procedure.
- 1 60. (Withdrawn) The method of claim 54, wherein regulating includes terminating delivery  
2 of the radio frequency energy if the profile includes a slope that exceeds a threshold level during  
3 the medical procedure.
- 1 61. (Withdrawn) The method of claim 45, wherein regulating includes modulating a  
2 duration of the delivery of the radio frequency energy.
- 1 62. (Withdrawn) The method of claim 61, wherein the duration is modulated in response to  
2 changes in a profile of the physiological parameter.
- 1 63. (Withdrawn) The method of claim 61, wherein the physiological parameter is an  
2 impedance.

1 64. (Withdrawn) The method of claim 61, wherein the physiological parameter is a  
2 temperature.

1 65. (Withdrawn) The method of claim 61, wherein the physiological parameter is a tissue  
2 moisture.

1 66. (Withdrawn) The method of claim 45, wherein regulating includes modulating a level of  
2 the radio frequency energy.

1 67. (Original) An apparatus that provides a radio frequency energy to a probe placed in  
2 contact with a cornea to perform a medical procedure, comprising:  
3 a radio frequency circuit that delivers a radio frequency energy to the cornea through the  
4 probe; and,  
5 a sensing circuit that senses a change in a physiology of the cornea while said radio  
6 frequency circuit delivers the radio frequency energy to the cornea.

1 68. (Original) The apparatus of claim 67, wherein said sensing circuit senses a current  
2 delivered to the cornea.

1 69. (Original) The apparatus of claim 67, wherein said sensing circuit senses a voltage  
2 delivered to the cornea.

1 70. (Original) The apparatus of claim 67, wherein said sensing circuit senses a temperature  
2 of the cornea.

1 71. (Original) The apparatus of claim 67, wherein said sensing circuit senses an impedance  
2 of the cornea.

1 72. (Original) The apparatus of claim 67, wherein said sensing circuit senses a moisture of  
2 the cornea.



1 73. (Original) An apparatus that provides a radio frequency energy to a probe placed in  
2 contact with a cornea to perform a medical procedure, comprising:  
3 a radio frequency circuit that delivers a radio frequency energy to the cornea through the  
4 probe; and,  
5 sensing means for sensing a change in a physiology of the cornea while said radio  
6 frequency circuit delivers the radio frequency energy delivered to the cornea.

1 74. (Original) The apparatus of claim 73, wherein said sensing means senses a current  
2 delivered to the cornea.

1 75. The apparatus of claim 73, wherein said sensing means senses a voltage delivered to the  
2 cornea.

1 76. (Original) The apparatus of claim 73, wherein said sensing means senses a temperature  
2 of the cornea.

1 77. (Original) The apparatus of claim 73, wherein said sensing means senses an impedance  
2 of the cornea.

1 78. (Original) The apparatus of claim 73, wherein said sensing means senses an impedance  
2 of the cornea.

1 79. (Withdrawn) A method for performing a medical procedure on a cornea, comprising:  
2 placing a probe in contact with a cornea;  
3 delivering a radio frequency energy to the cornea through the probe; and,  
4 sensing a change in a physiology of the cornea while the radio frequency energy is  
5 delivered to the cornea.

1 80. (Withdrawn) The method of claim 79, wherein a current delivered to the cornea is  
2 sensed while the radio frequency energy is delivered to the cornea.

1 81. (Withdrawn) The method of claim 79, wherein a voltage delivered to the cornea is  
2 sensed while the radio frequency energy is delivered to the cornea.

1 82. (Withdrawn) The method of claim 79, wherein an impedance of the cornea is sensed  
2 while the radio frequency energy is delivered to the cornea.

1 83. (Withdrawn) The method of claim 79, wherein a temperature of the cornea is sensed  
2 while the radio frequency energy is delivered to the cornea.

1 84. (Withdrawn) The method of claim 79, wherein a moisture of the cornea is sensed while  
2 the radio frequency energy is delivered to the cornea.

1 85. (Withdrawn) An apparatus that provides a non-thermal energy to a cornea through a  
2 probe to perform a medical procedure that denatures collagen tissue and reshapes the cornea,  
3 comprising:  
4 an energy circuit that delivers a non-thermal energy to the cornea through the probe; and,  
5 a regulator circuit that controls the non-thermal energy delivered to the cornea during the  
6 medical procedure.

1 86. (Withdrawn) The apparatus of claim 85, wherein the non-thermal energy is in a  
2 microwave frequency range.

1 87. (Withdrawn) The apparatus of claim 85, wherein the non-thermal energy is in an  
2 ultrasonic frequency range.

1 88. (Withdrawn) The apparatus of claim 85, wherein the non-thermal energy is light.

1 89. (Withdrawn) The apparatus of claim 85, wherein the non-thermal energy is direct  
2 current.

1 90. (Withdrawn) The apparatus of claim 85, further comprising a sensing circuit that senses  
2 a change in a physiology of the cornea during the medical procedure and provides a feedback to  
3 said regulator circuit.

- 1 91. (Withdrawn) The apparatus of claim 90, wherein said sensing circuit senses a current  
2 delivered to the cornea.
- 1 92. (Withdrawn) The apparatus of claim 90, wherein said sensing circuit senses a voltage  
2 delivered to the cornea.
- 1 93. (Withdrawn) The apparatus of claim 90, wherein said sensing circuit senses a  
2 temperature of the cornea.
- 1 94. (Withdrawn) The apparatus of claim 90, wherein said sensing circuit senses an  
2 impedance of the cornea.
- 1 95. (Withdrawn) The apparatus of claim 90, wherein said sensing circuit senses an optical  
2 characteristic of the cornea.
- 1 96. (Withdrawn) The apparatus of claim 85, wherein said regulator circuit controls the  
2 delivery of the non-thermal energy about a set-point.
- 1 97. (Withdrawn) The apparatus of claim 85, wherein said regulator circuit controls the  
2 delivery of the non-thermal energy about a set-curve.
- 1 98. (Withdrawn) The apparatus of claim 90, wherein said regulator circuit determines a  
2 profile of a physiological parameter and regulates the non-thermal energy delivered to the cornea  
3 in accordance with the profile.
- 1 99. (Withdrawn) The apparatus of claim 98, wherein said regulator circuit decreases the  
2 non-thermal energy if the profile displays changes indicative of necrotic collagen structural  
3 modification beyond a threshold level during the medical procedure.

- 1 100. (Withdrawn) The apparatus of claim 98, wherein said regulator circuit terminates  
2 delivery of the non-thermal energy if the profile exceeds a threshold level during the medical  
3 procedure.
- 1 101. (Withdrawn) The apparatus of claim 98, wherein said regulator circuit terminates  
2 delivery of the non-thermal energy if the profile includes a slope that exceeds a threshold level  
3 during the medical procedure.
- 1 102. (Withdrawn) The apparatus of claim 85, wherein said regulator circuit modulates a  
2 duration of the delivery of the non-thermal energy.
- 1 103. (Withdrawn) The apparatus of claim 85, wherein said regulator circuit modulates a level  
2 of the non-thermal energy.
- 1 104. (Withdrawn) An apparatus that provides a non-thermal energy to a cornea through a  
2 probe to perform a medical procedure that denatures collagen tissue and reshapes the cornea,  
3 comprising:  
4 an energy circuit that delivers a non-thermal energy to the cornea through the probe; and,  
5 regulator circuit means for controlling the non-thermal energy delivered to cornea during  
6 the medical procedure.
- 1 105. (Withdrawn) The apparatus of claim 104, wherein the non-thermal energy is in a  
2 microwave frequency range.
- 1 106. (Withdrawn) The apparatus of claim 104, wherein the non-thermal energy is in an  
2 ultrasonic frequency range.
- 1 107. (Withdrawn) The apparatus of claim 104, wherein the non-thermal energy is light.

1 108. (Withdrawn) The apparatus of claim 104, wherein the non-thermal energy is direct  
2 current.

1 109. (Withdrawn) The apparatus of claim 104, further comprising sensing circuit means for  
2 sensing a change in a physiology of the cornea during the medical procedure and providing a  
3 feedback to said regulator circuit.

1 110. (Withdrawn) The apparatus of claim 109, wherein said sensing circuit means senses a  
2 current delivered to the cornea.

1 111. (Withdrawn) The apparatus of claim 109, wherein said sensing circuit means senses a  
2 voltage delivered to the cornea.

1 112. (Withdrawn) The apparatus of claim 109, wherein said sensing circuit means senses a  
2 temperature of the cornea.

1 113. (Withdrawn) The apparatus of claim 109, wherein said sensing circuit means senses an  
2 impedance of the cornea.

1 114. (Withdrawn) The apparatus of claim 109, wherein said sensing circuit means senses an  
2 optical characteristic of the cornea.

1 115. (Withdrawn) The apparatus of claim 104, wherein said regulator circuit means controls  
2 the delivery of the non-thermal energy about a set-point.

1 116. (Withdrawn) The apparatus of claim 104, wherein said regulator circuit means controls  
2 the delivery of the non-thermal energy about a set-curve.

1 117. (Withdrawn) The apparatus of claim 109, wherein said regulator circuit means  
2 determines a profile of a physiological parameter and regulates the non-thermal energy delivered  
3 to the cornea in accordance with the profile.

1 118. (Withdrawn) The apparatus of claim 117, wherein said regulator circuit means decreases  
2 the non-thermal energy if the profile displays changes indicative of necrotic collagen structural  
3 modification beyond a threshold level during the medical procedure.

1 119. (Withdrawn) The apparatus of claim 114, wherein said regulator circuit means  
2 terminates delivery of the non-thermal energy if the profile exceeds a threshold level during the  
3 medical procedure.

1 120. (Withdrawn) The apparatus of claim 114, wherein said regulator circuit means  
2 terminates delivery of the non-thermal energy if the profile includes a slope that exceeds a  
3 threshold level during the medical procedure.

1 121. (Withdrawn) The apparatus of claim 104, wherein said regulator circuit means  
2 modulates a duration of the delivery of the non-thermal energy.

1 122. (Withdrawn) The apparatus of claim 104, wherein said regulator circuit modulates a  
2 level of the non-thermal energy.

1 123. (Withdrawn) A method for performing a medical procedure on a cornea, comprising:  
2 contacting a cornea with a probe;  
3 delivering a non-thermal energy to the cornea through the probe to denature collagen  
4 tissue and reshape the cornea; and,  
5 regulating the non-thermal energy delivered to cornea during the medical procedure.

1 124. (Withdrawn) The method of claim 123, wherein the non-thermal energy is in a  
2 microwave frequency range.

- 1 125. (Withdrawn) The method of claim 123, wherein the non-thermal energy is in an  
2 ultrasonic frequency range.
- 1 126. (Withdrawn) The method of claim 123, wherein the non-thermal energy is light.
- 1 127. (Withdrawn) The method of claim 123, wherein the non-thermal energy is direct current.
- 1 128. (Withdrawn) The method of claim 123, further comprising sensing a change in a  
2 physiology of the cornea during the medical procedure and regulating the non-thermal energy  
3 delivered to the cornea as a function of the feedback.
- 1 129. (Withdrawn) The method of claim 128, wherein a current delivered to the cornea is  
2 sensed during the medical procedure.
- 1 130. (Withdrawn) The method of claim 128, wherein a voltage delivered to the cornea is  
2 sensed during the medical procedure.
- 1 131. (Withdrawn) The method of claim 128, wherein a temperature of the cornea is sensed  
2 during the medical procedure.
- 1 132. (Withdrawn) The method of claim 128, wherein an impedance of the cornea is sensed  
2 during the medical procedure.
- 1 133. (Withdrawn) The method of claim 128, wherein an optical characteristic of the cornea is  
2 sensed during the medical procedure.
- 1 134. (Withdrawn) The method of claim 123, wherein the non-thermal energy is regulated  
2 about a set-point.

- 1 135. (Withdrawn) The method of claim 123, wherein the non-thermal energy is regulated  
2 about a set-curve.
- 1 136. (Withdrawn) The method of claim 128, wherein a profile of a physiological parameter is  
2 determined and the non-thermal energy delivered to the cornea is regulated in accordance with  
3 the profile.
- 1 137. (Withdrawn) The method of claim 136, wherein regulating includes decreasing the non-  
2 thermal energy if the profile displays changes indicative of necrotic collagen structural  
3 modification beyond a threshold level during the medical procedure.
- 1 138. (Withdrawn) The method of claim 136, wherein regulating includes terminating delivery  
2 of the non-thermal energy if the profile exceeds a threshold level during the medical procedure.
- 1 139. (Withdrawn) The method of claim 136, wherein regulating includes terminating delivery  
2 of the non-thermal energy if the profile includes a slope that exceeds a threshold level during the  
3 medical procedure.
- 1 140. (Withdrawn) The method of claim 123, wherein regulating includes modulating a  
2 duration of the delivery of the non-thermal energy.
- 1 141. (Withdrawn) The method of claim 123, wherein regulating includes modulating a level  
2 of the non-thermal energy.
- 1 142. (Withdrawn) An apparatus that provides a non-thermal energy to a cornea through a  
2 probe to perform a medical procedure that denatures collagen tissue and reshapes the cornea,  
3 comprising:  
4 a energy circuit that delivers a non-thermal energy to the cornea through the probe; and,  
5 a sensing circuit that senses a change in a physiology of the cornea while said energy  
6 circuit delivers the non-thermal energy to the cornea.



- 1 143. (Withdrawn) The apparatus of claim 142, wherein the non-thermal energy is in a  
2 microwave frequency range.
- 1 144. (Withdrawn) The apparatus of claim 142, wherein the non-thermal energy is in an  
2 ultrasonic frequency range.
- 1 145. (Withdrawn) The apparatus of claim 142, wherein the non-thermal energy is light.
- 1 146. (Withdrawn) The apparatus of claim 142, wherein the non-thermal energy is direct  
2 current.
- 1 147. (Withdrawn) The apparatus of claim 142, wherein said sensing circuit senses a current  
2 delivered to the cornea.
- 1 148. (Withdrawn) The apparatus of claim 142, wherein said sensing circuit senses a voltage  
2 delivered to the cornea.
- 1 149. (Withdrawn) The apparatus of claim 142, wherein said sensing circuit senses a  
2 temperature of the cornea.
- 1 150. (Withdrawn) The apparatus of claim 142, wherein said sensing circuit senses an  
2 impedance of the cornea.
- 1 151. (Withdrawn) The apparatus of claim 142, wherein said sensing circuit senses an optical  
2 characteristic of the cornea.
- 1 152. (Withdrawn) An apparatus that provides a non-thermal energy to a cornea through a  
2 probe to perform a medical procedure to denature collagen tissue and reshape the cornea,  
3 comprising:  
4 an energy circuit that delivers a non-thermal energy to the cornea through the probe; and,

5       sensing means for sensing a change in a physiology of the cornea while said energy  
6 circuit delivers the non-thermal energy delivered to the cornea.

1   153. (Withdrawn) The apparatus of claim 152, wherein the non-thermal energy is in a  
2 microwave frequency range.

1   154. (Withdrawn) The apparatus of claim 152, wherein the non-thermal energy is in an  
2 ultrasonic frequency range.

1   155. (Withdrawn) The apparatus of claim 152, wherein the non-thermal energy is light.

1   156. (Withdrawn) The apparatus of claim 152, wherein the non-thermal energy is direct  
2 current.

1   157. (Withdrawn) The apparatus of claim 152, wherein said sensing means senses a current  
2 delivered to the cornea.

1   158. (Withdrawn) The apparatus of claim 152, wherein said sensing means senses a voltage  
2 delivered to the cornea.

1   159. (Withdrawn) The apparatus of claim 152, wherein said sensing means senses a  
2 temperature of the cornea.

1   160. (Withdrawn) The apparatus of claim 152, wherein said sensing means senses an  
2 impedance of the cornea.

1   161. (Withdrawn) The apparatus of claim 152, wherein said sensing means senses an optical  
2 characteristic of the cornea.

1   162. (Withdrawn) A method for performing a medical procedure on a cornea, comprising:  
2       contacting a cornea with a probe;  
3       delivering a non-thermal energy to the cornea through the probe; and,

4       sensing a change in a physiology of the cornea while the non-thermal energy is delivered  
5 to the cornea.

1   163.   (Withdrawn) The method of claim 162, wherein the non-thermal energy is in a  
2 microwave frequency range.

1   164.   (Withdrawn) The method of claim 162, wherein the non-thermal energy is in an  
2 ultrasonic frequency range.

1   165.   (Withdrawn) The method of claim 162, wherein the non-thermal energy is light.

1   166.   (Withdrawn) The method of claim 162, wherein the non-thermal energy is direct current.

1   167.   (Withdrawn) The method of claim 162, wherein a current delivered to the cornea is  
2 sensed while the non-thermal energy is delivered to the cornea.

1   168.   (Withdrawn) The method of claim 162, wherein a voltage delivered to the cornea is  
2 sensed while the non-thermal energy is delivered to the cornea.

1   169.   (Withdrawn) The method of claim 162, wherein a temperature of the cornea is sensed  
2 while the non-thermal energy is delivered to the cornea.

1   170.   (Withdrawn) The method of claim 162, wherein an optical characteristic of the cornea is  
2 sensed while the non-thermal energy is delivered to the cornea.